



503.37677X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): ISHIKAWA, et al
Serial No.: 09/413,867
Filed: October 7, 1999
For: DISPLAY APPARATUS
Group: 2879
Examiner: K. Berck

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97 & 1.98

Mail Stop DD
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

November 12, 2003

Sir:

In the matter of the above-identified application, applicant(s) is/are submitting herewith a copy of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted before the mailing date of either a final action or a notice of allowance and is accompanied by the following certification specified in 37 CFR 1.97(e).


That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months period to the filing of the statement.

Each of the documents listed on the attached form equivalent to Form PTO-1449 is in the English language.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (503.37677X00) and please credit any excess fees to such deposit account.

Respectfully submitted,



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Form PTO-1449
Equivalent

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No. 503.37677X00
Serial No. 09/413,867
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U.S. Patent Documents

Examiner Initials	Document No.	Date	Name	Class Subclass	Filing Date If Approp.
	5,315,209	5/94	Iwasaki		
	5,585,805	12/96	Takenaka et al		
	5,660,876	8/97	Kojima et al		
	5,681,885	10/97	Kinoshita et al		
	5,789,854	8/98	Takizawa et al		

Foreign Patent Documents

Document No.	Date	Country	Class Subclass	Translation Yes No
0 533 030 A2	3/93	European		
0 859 398 A1	8/98	European		

Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

Examiner

Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609;
Draw line through citation if not in conformance and not considered. Include copy of this form with next
communication to applicant.